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January 22, 2004

ATTORNEY DOCKET NO. 07057.0061  
CUSTOMER NO. 22,852

22141 U.S. PTO  
10/761217  
012204

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

New U.S. Patent Application  
Title: LITHIUM ION SECONDARY BATTERY AND  
DESIGN METHOD THEREOF  
Inventor(s): Hiroshi ARAKAWA

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 15 pages, including two (2) independent claims and twelve (12) claims total.
2. Drawings - Eight (8) sheets of drawings (Figures 1-10).
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to Toyota Jidosha Kabushiki Kaisha.
5. Claim for Priority with a certified copy of Japanese Patent Appln. No. 2003-032523.
6. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with two (2) documents attached.
7. The filing fee is calculated as follows:



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13281 U.S. PTO

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Basic Application Filing Fee					\$770	\$ 770.00
	Number of Claims		Basic	Extra Claims		
Total Claims	12	-	20	0	x \$18	0.00
Independent Claims	2	-	3	0	x \$86	0.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$290	0
Subtotal						\$ 770.00
Reduction by 1/2 if small entity						-
TOTAL APPLICATION FILING FEE						\$ 770.00

8. A check for \$810.00 is enclosed. The fee includes:

\$770.00 filing fee; and  
\$40.00 Assignment recordation fee.

Applicant claims the right to foreign priority based on Patent Application No. 2003-032523, filed February 10, 2003, in Japan.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
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Please accord this application an application number and filing date and record and return the Assignment to the undersigned.


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GARRETT &  
DUNNER LLP

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:   
James W. Edmondson  
Reg. No. 33,871

JWE/kas  
Enclosures